

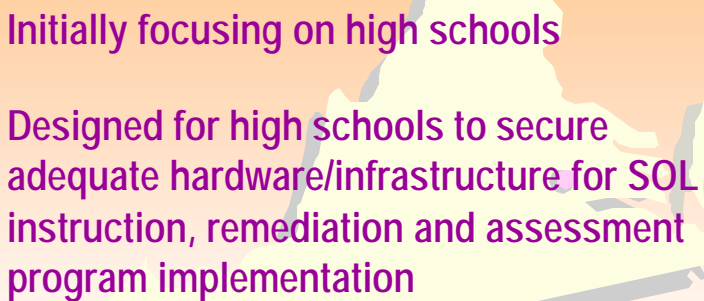


The Web-based Standards of Learning Technology Initiative

An Overview and an Update

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Virginia Department of Education

A Statewide Initiative

- Initially focusing on high schools
 - Designed for high schools to secure adequate hardware/infrastructure for SOL instruction, remediation and assessment program implementation
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A Statewide Initiative

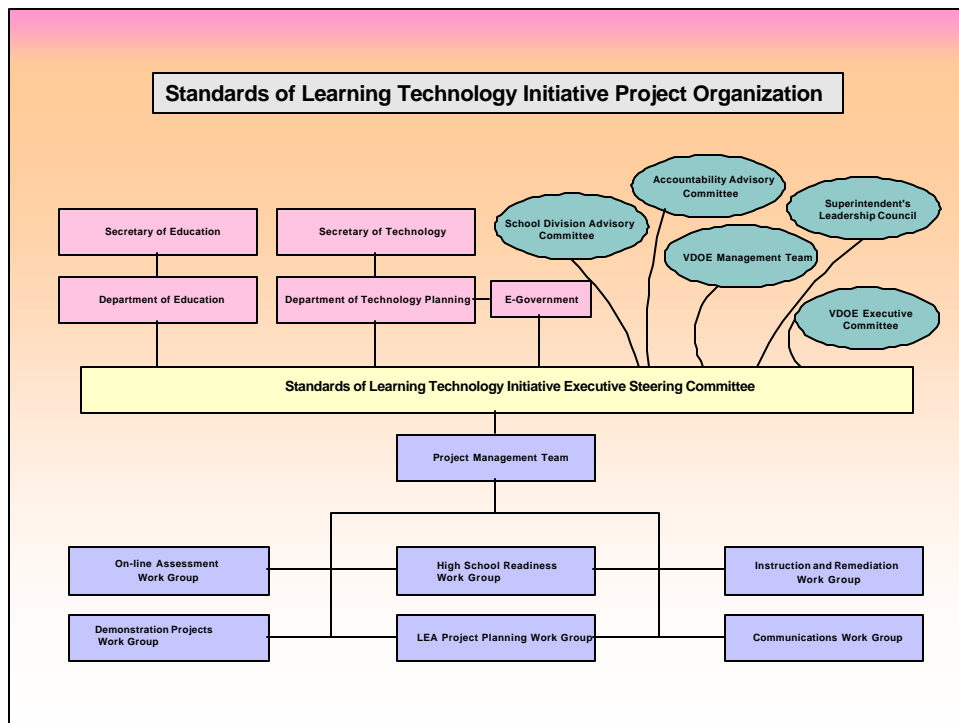
- Assuring high speed/bandwidth Internet access from instructional areas for students and teachers
- Delivery of online SOL assessments
- Use of up-to-date instructional and remedial software in Virginia's schools

Initiative Funding

- \$ 113.8 million (FY 2001-2002) for Virginia's high schools (\$56.9 million each year)
- \$ 2,060,000 for demonstration implementation
- Approximately \$50 million in e-rate funds
- \$ 4.8 million in FY 2001 for technology resource assistants/outside vendors
- \$3.8 million for program implementation

Project Organization

- On-Line Assessment
- Division Project Planning
- High School Readiness
- Demonstration Projects
- Instructional and Remedial Software



Online Assessment Work Group

Scope of Work:

- Define assessment requirements
- Define environmental requirements for assessment administration
- Create RFP for assessment delivery
- Facilitate selection of a vendor to setup, configure and assist in administration of the SOL tests

Request for Proposals

- Detailed explanation of assessment and technology requirements
- Posted on October 13, 2000 and closed on November 13, 2000
- Available on the VDOE website





RFP: Assessment Topics

- Interface with existing contractor
- Presentation of tests and ancillary materials
- Data management
- Scoring and reporting
- Test security
- Training and support
- Project Management



RFP: Technology Topics

- User interface & workstation hardware
- Connectivity requirements
- Server requirements
- Security model
- Database architecture
- Product support, training and documentation
- Reliability and levels of service
- Project management

Proposals Received

- Eleven vendor responses
- Independent evaluation committee formed to review proposals
 - Assessment, instruction and technology specialists
 - School division representatives
 - State representatives
 - National representatives

Proposals Evaluated

- Three vendor proposals selected for the demonstration phase
- Participating vendors:
 - BTG
 - NCS Pearson
 - Vantage Learning



Demonstration Work Group

Scope of Work:

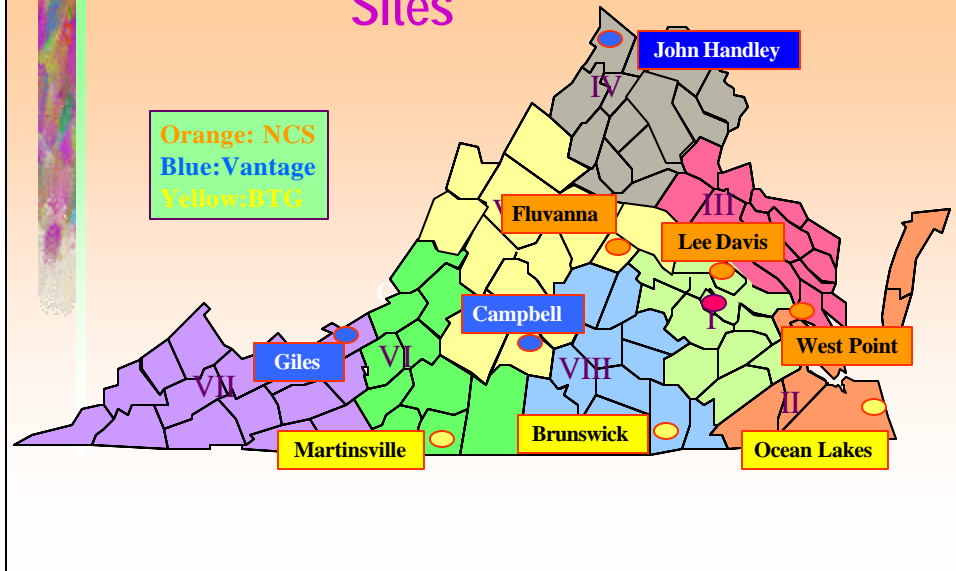
- Further define goals of the demonstration sites
- Define criteria for site selection
- Facilitate site selection process
- Define support needed at demonstration sites
- Assist in defining RFP parameters
- Implement demonstrations - Jan to Mar 2001
- Distribute results to divisions - June/July 2001



Demonstration of Solutions

- 57 school divisions nominated a high school
- Nine schools were selected by independent selection committee
- Different regions, sizes and/or levels of technical capacity
- Three schools assigned to each vendor

Demonstration Sites



Vendor / Solution Selection

- Independent evaluators and the DOE observing and collecting data
- One or more vendors to be selected to implement their solution across Virginia
- Selection based upon analysis of data collected throughout the demonstration project

Division Project Planning

Scope of Work:

- Create project management plan templates for the “Plan for Use of Funds”
- Provide divisions with technical support
- Monitor division progress of implementation of the Initiative
- Develop intervention strategies for divisions with implementation difficulties

Plan for the Use of Funds

- Division Contact Information
 - Project Manager
- Division Monthly Progress Report
 - Monthly Updates
- School Monthly Progress Report
- Financial Report of Expenditures
 - Budgeted and Actual

School Division Contact Information

<< SELECT SCHOOL DIVISION BY NUMBER >>

Division #	
Address	
City, State Zip	

Project Manager	
Project Manager's Phone	
Project Manager's E-Mail	
Project Manager's FAX	

Project Manager's USPS Address	[REDACTED]
	[REDACTED]

School Monthly Progress

[illegible]

Financial Information

FY 2001		BUDGETED EXPENDITURES					ACTUAL EXPENDITURES					Budget less Actual
Expenditure Type	Planned expenditures	VPSA funds	20% local matching funds	E-rate funds	Other Local Funds	Totals	VPSA funds	20% local matching funds	E-rate funds	Other Local Funds	Totals	
Hardware						0					0	0
Instructional Software						0					0	0
LAN Capability						0					0	0
Internet Access						0					0	0
Other Uses of Funds						0					0	0
Teacher Training						0					0	0
Total Budget/Actual	0	0	0	0	0	0	0	0	0	0	0	0
Remaining Available Funds		0	0	0		0	0	0	0		0	

FY 2002		BUDGETED EXPENDITURES					ACTUAL EXPENDITURES					Budget less Actual
Expenditure Type	Planned expenditures	VPSA funds	20% local matching funds	E-rate funds	Other Local Funds	Totals	VPSA funds	20% local matching funds	E-rate funds	Other Local Funds	Totals	
Hardware						0					0	0
Instructional Software						0					0	0
LAN Capability						0					0	0
Internet Access						0					0	0
Other Uses of Funds						0					0	0
Teacher Training						0					0	0
Total Budget/Actual	0	0	0	0	0	0	0	0	0	0	0	0

High School Readiness Work Group

Scope of Work:

- Determine preparedness of each high school (Capacity Survey)
- Define minimum technical requirements (Architectural Guidelines- Pre and Final)
- Ensure high schools have adequate technical capability to administer tests
- Certification of high school readiness

Instructional and Remedial Software Work Group

Scope of Work:

- Define technology needed to support most software applications
- Establish guidelines and criteria for evaluation and selection of software
- Set up clearing house for dissemination of software evaluations

SOL Technology Initiative Time Line

Start

Project Initiation Phase	May 2000	<ul style="list-style-type: none"> • Distribute Superintendent's Memo • Develop Initial Implementation Plan • Organize Executive Steering Committee
	Jul 2000	<ul style="list-style-type: none"> • Answer Questions Regarding Initiative
Project Planning Phase	Aug 2000	<ul style="list-style-type: none"> • Intent to Participate Commitment • Organize Project Management Team • Plans For Use of Funds Submitted
	Nov 2000	<ul style="list-style-type: none"> • Assessment RFP Awarded
	Dec 2000	<ul style="list-style-type: none"> • Demonstration Sites Announced • High School Capacity Survey Conducted
Project Execution Phase	Jan 2001	<ul style="list-style-type: none"> • Distribute Preliminary Architectural Guidelines
	Feb 2001	<ul style="list-style-type: none"> • Technology Demonstrations In Progress
	May 2001	<ul style="list-style-type: none"> □ Initial Specifications Released □ HS Implement Instruction/Remedial □ High Schools Build Infrastructure
	Dec 2002	<ul style="list-style-type: none"> □ Complete Demonstrations/Distribute Results □ Distribute Architectural Guidelines □ Distribute Readiness Certification Guidance □ Install Assessment System in High Schools
Project Testing Phase	Jan 2003	<ul style="list-style-type: none"> □ Continue installation of Assessment/Technology System in High Schools
	Apr 2003	
Project Implementation & Assessment Phase	May 2003	<ul style="list-style-type: none"> □ High Schools Administer On-line SOL Exams
	Jun 2003	<ul style="list-style-type: none"> □ Review & Evaluate Process for Expansion
	Dec 2003	

Finish

Internet Portal for Initiative

(<http://www.pen.k12.va.us/VDOE/Technology/soltech/soltech.html>)

- School Division Resources
- Vendor Resources
- Frequently Asked Questions
- Legislative Documents
- Project Planning Documents
- Superintendent's Memo's
- Initiative Contact Information

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